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T070822

1. Location of Reading Room: Idaho Operations Public Reading Room 1776 Science Center Dr. University Place Idaho Falls, ID 83403	2. Expected Release Date: June 13, 1995
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3. Document Type:

- ☐ Letter
☒ Memorandum
☐ Report
☐ Publication
☐ Other (Specify)

a. If letter or memo:

To: Clyde Hawley, Chief Environmental
Section
From: George Ball, Chief Monitoring Unit
Subject: AUGUST ACTIVITY REPORT -
MONITORING UNIT

b. If report:
Title:

4. Document Date:

September 9, 1964

c. If publication:

Name:
Volume:
Issue:

5. Summary (2-3 lines indicating the major subject(s) of the document):

This memorandum discusses the activities conducted by the Monitoring Unit during the month of August 1964. Activities of interest are; 1) Monitoring Unit personnel assisted the United States Weather Bureau during the Iodine 129 Field Tests, 2) The majority of the Monitoring Unit's time was spent preparing for the CERT test.

6. Name and telephone number of person completing form: Don C. Bradley (208) 525-0203	7. Organization: Lockheed Idaho Technologies Co.	8. Date: June 9, 1995
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HUMAN RADIATION EXPERIMENTS

RECORDS PROVENANCE FORM

REPOSITORY NAME	INEL
COLLECTION NAME	IODINE-129
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FILE TITLE	AUGUST ACTIVITY REPORT - MONITORING UNIT
TOTAL PAGES	
BATE NUMBER RANGE	
DOCUMENT NUMBER RANGE	

HEI FORM DOCUMENT NO.: T070815

DOCUMENT NO.: T070822

DOCUMENT TITLE: AUGUST ACTIVITY REPORT - MONITORING UNIT

CROSS REFERENCES:

ITEMS OF INTEREST:

September 9, 1964

Clyde Hawley, Chief
Environmental Section

George Ball, Chief
Monitoring Unit

AUGUST ACTIVITY REPORT - MONITORING UNIT

HSEP:GB

Fallout in air: Gross beta activity detected at CF-690 averaged 2 $\mu\text{Ci}/\text{m}^3$ during August 1964.

Low Volume Air: 62 Low Volume air samples were collected from 13 on site locations during July 1964, results are as follows:

<u>Low Station Average</u>	<u>High Station Average</u>	<u>Total Sample Average</u>
$4 \times 10^{-12} \mu\text{Ci}/\text{cc}$	$15 \times 10^{-12} \mu\text{Ci}/\text{cc}$	$6 \times 10^{-12} \mu\text{Ci}/\text{cc}$

Telemetry Hi Volume air samplers northeast of the NRTS were activated during two of the Weather Bureau I-129 releases.

Station #12 was set up at the CERT Barn to be used as a continuous air monitor following the release of I-131 at the farm. An E. A. Recorder will record the results of Scintillation reading on the carbon cartridge in addition to the hourly print-out at CF-690.

Surveys: The NRTS road scanning program was completed during August. All roads on the NRTS, except the State Highways have been surveyed and detected activity picked up with the vacuum cleaner. (when possible)

Special Activities: Unit personnel assisted the USWB during the I-129 Field Tests.

The majority of the Monitoring Units time was spent preparing for the CERT test.

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COLLECTION Iodine - 129

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FOLDER August Activity Report - Monitoring Unit